

ELECTRIC ARTICULATING BOOM LIFTS

AB16EJ PLUS (AB520EJ PLUS)

Compliant with CE/ANSI/CSA/EAC standards

PRODUCT HIGHLIGHTS

Excellent Rough Terrain Performance

- Smooth off-road and quiet indoor and outdoor operation
- 4WD, 40% gradeability
- Standard active oscillating function, excellent terrain ability

Optimal Safety and Reliability

- 5 inch smart display for easy machine status and fault diagnosis
- Auxiliary power system, electrical emergency lowering
- Rexroth controller complies with ISO13849 standard
- Both main boom and secondly boom are equipped with dual channel angle sensors

Best Productivity and Easy Maintenance

- Triple load capacity of 250kg/340kg/454kg, max platform occupants up to 3 persons
- Standard AGM maintenance free battery minimizes maintenance cost as well as providing long working endurance
- AC brushless lift motor, maintenance free



Standard Features

Active oscillating function	5-in display screen	4WD × 2WS
Proportional control	Automotive-grade sleeves for all pipes	Emergency lowering system
Hydraulic platform leveling	Max tilt rating to 5°	Weighing system
Tilt protection system	Horn & buzzer	Emergency stop system
Flashing beacon	Footswitch	Fault diagnosis system
Foam-filled non-marking tires	1.83m(6') platform	Manual storage box

Options & Accessories

AC power to platform	Solid tires	1.45m (4'9") platform
1.83m(8') platform with swinging gate	Platform work light	Glazier kit(for platform with swinging gate)
Secondary guarding device	Overhead anti-collision device	Half mesh (for platform with swinging gate)
Telematics-ready connector	Lithium battery	

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Model	AB16EJ Plus (AB520EJ Plus)
Dimensions	
Max Platform Height	15.8 m(51'10")
Max Working Height	17.8 m(58'5")
Max Horizontal Reach(250kg/340kg/454kg)	9 m/8.1 m/7 m(29'6"/26'7"/23')
Max Up and Over Clearance	7.9 m(25'11")
A Stowed Length	7.6 m(24'11")
B Stowed Width	2.3 m(7'7")
C Stowed Height	2.25 m(7'5")
Stowed Length (Transport)	6.1 m(20')
Stowed Width (Transport)	2.3 m(7'7")
Stowed Height (Transport)	3.1 m(10'2")
D Wheelbase	2.3 m(7'7")
Ground Clearance	0.37 m(1'3")
Platform Dimensions (L×W×H)	1.83 m × 0.85 m × 1.1 m(6' × 2'9" × 3'7")
Performance	
Max Platform Capacity (Unrestricted/Restricted/Restricted)	250 kg/340 kg/454 kg (551 lbs/750 lbs/1000 lbs)
Max Platform Occupants (Unrestricted/Restricted)	2 persons/3 persons
Drive Speed (Stowed)	5.5 km/h (3.4 mph)
Drive Speed (Raised)	1.1 km/h (0.68 mph)
Gradeability	40%
Turntable Rotation	355°/ Non-continuous
Platform Rotation	180°
Tilt Rating	5°
Turning Radius (Inside/Outside)	1.8 m/4.78 (5'11"/15'8")
Turntable Tail-Swing	0.3 m (12")
Max Allowable Side Force	400 N (90 lbf)
Max Allowable Wind Speed	12.5 m/s (28 mph)
Tire Spec/Type	33 × 12 D610 (Foam-filled)
Power	
Drive × Steer	4WD × 2WS
Batteries	48 V, 390 Ah (lead acid battery) 48 V, 315 Ah (lithium battery)
Hydraulic Tank Capacity	64 L (14 gal (UK)/17 gal (US))
System Voltage	12V DC
Weight	
Weight	7,750 kg (17,086 lbs)
Standards Compliance	CE/ANSI/CSA/EAC

